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PTO/SB/05 (1/98)

Approved for use through 09/30/00 OM 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. **TNCR.182US0**

First Named Inventor or Application Identifier **GUOHENG ZHAO; KENNETH P. GROSS; RODNEY SMEDT; and MEHRDAD NIKOONAHAD**

Title **IMPROVED SYSTEM FOR MEASURING PERIODIC STRUCTURES**

Express Mail Label No. **EL707908559US**

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: **Commissioner for Patents
Box Patent Application
Washington, D.C. 20231**

1. Fee Transmittal Form - *see page 2 of this form.*
(Submit an original, and a duplicate for fee processing)
2. Application:
 - Specification: (preferred arrangement set forth below)
Descriptive title of the Invention,
Cross References to Related Applications,
Reference to Microfiche Appendix,
Background of the Invention,
Brief Summary of the Invention,
Brief Description of the Drawings, and
Detailed Description (all totaling 14 pages)
Appendix(es) ____ & ____ (____ pages)
 - Claim(s) **10** pages
 - Abstract of the Disclosure **1** page
3. Drawing(s) (35 USC 113) **[Total Sheets 15]**
4. Oath or Declaration unsigned **[Total Pages ____]**
 - a. Newly executed (original or copy)
 - b. Copy from prior application (37 CFR §1.63(d))
(for continuation/divisional with Box 17 completed)
 - c. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application,
see 37 CFR 1.63(d)(2) and 1.33(b)
5. Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. Microfiche Computer Program Appendix
consisting of ____ pages of microfiche containing ____ frames on each page in accompanying envelope.
7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy (identical to computer copy)
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. Assignment Papers (cover sheet & documents) ____ pages
9. 37 CFR §3.73(b) Statement Power of Attorney
(combined when there is an Assignee) **with Patent Declaration above.)**
10. English Translation Document (if applicable)
11. Information Disclosure Statement (IDS) & PTO-1449 **Copies of IDS Citations/References**
12. Preliminary Amendment ____ pages
13. Return Receipt Postcard (MPEP 503)
(should be specifically itemized)
14. Small Entity Status
 - Small Entity Statement Enclosed ____ pages
 - Statement filed in prior application; and status still proper and desired
 - Is no longer claimed.
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Other:
 - Copy of Petition for Extension of Time filed in parent appln.;
 -

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information and a preliminary amendment:

Continuation Divisional of prior application No. ____
Filed on ___, entitled: ____

PRIOR APPLICATION INFORMATION: *Examiner _____ Group Art Unit _____*

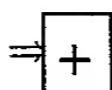
18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label

or Correspondence address below

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PTO/SB/29 (1/98)

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19. Fee calculations.

CLAIMS (Number Filed)	(1) FOR	(2)		(3) NUMBER EXTRA		(4) RATE		(5) CALCULATIONS
55	TOTAL CLAIMS (37 CFR 1.16(c))	-20	=	35	x	\$18	=	\$ 630.00
10	INDEPENDENT CLAIMS (37 CFR 1.16(b))	-3	=	7	x	\$80	=	\$ 560.00
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.18(d))				+	\$260.00	=	
						BASIC FEE (37 CFR 1.16(a))	=	\$ 710.00
						Total of above Calculations	=	\$1,900.00
						Reduction by 50% for filing by small entity (Note 31 CFR 1.9, 1.27, 1.28).	=	
							TOTAL	= \$1,900.00

20. **FEES:** The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Account No. **19-2386**:

- a. Fees required under 37 CFR 1.16. (U.S. Application Filing Fees)
- b. Fees required under 37 CFR 1.17. (Conditional Extension of Time Fees)
- c. Fees required under 37 CFR 1.18. (Patent Issue Fees)
- d. The filing fee will be deferred at this time.

21. Other: _____

NOTE:

The prior application's correspondence address will carry over to this UPA UNLESS a new correspondence address is provided below.

22. NEW CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label		New correspondence address below	
NAME			
ADDRESS			
CITY	STATE	ZIP CODE	
COUNTRY	TELEPHONE		FAX

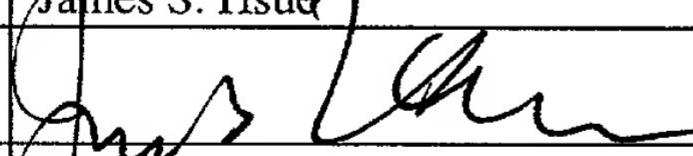
23. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

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Date:	December 18, 2000		
Name	James S. Hsue	Reg. No.	29,545
Signature			
Express Mail Label No.	EL707908559US		